

## EAST Search History

| Ref #    | Hits | Search Query <i>QNM</i>   | DBs <i>QNM</i>               | Default Operator | Plurals | Time Stamp <i>QNM</i> |
|----------|------|---|------------------------------|------------------|---------|-----------------------|
| S86      | 1    | ("6657949").PN.   | US-PGPUB;<br>USPAT;<br>EPO   | OR               | OFF     | 2006/06/07 13:48      |
| S87      | 10   | 09/019938   | US-PGPUB;<br>USPAT;<br>EPO   | OR               | OFF     | 2006/06/07 13:49      |
| S89      | 2    | 09/348718   | US-PGPUB;<br>USPAT;<br>EPO   | OR               | OFF     | 2006/06/07 13:50      |
| S88      | 8    | 09/348645   | US-PGPUB;<br>USPAT;<br>EPO   | OR               | OFF     | 2006/06/07 13:50      |
| S91      | 370  | map and ofdm and mac  | US-PGPUB;<br>USPAT;<br>EPO   | OR               | OFF     | 2006/06/07 14:16      |
| S90      | 0    | 09/822906   | US-PGPUB;<br>USPAT;<br>EPO   | OR               | OFF     | 2006/06/07 14:16      |
| S95      | 2    | ("5859959"   "6005840").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/06/07 14:29      |
| S97      | 16   | S96 and (silent\$1 \$3active quiet\$4)  | US-PGPUB;<br>USPAT;<br>EPO   | OR               | OFF     | 2006/06/07 14:30      |
| S96      | 27   | (US-20020101946-\$ or<br>US-20020154705-\$ or<br>US-20030193925-\$).did. or<br>(US-6369758-\$ or US-6192026-\$ or<br>US-6538985-\$ or US-6459703-\$ or<br>US-6473394-\$ or US-6804192-\$ or<br>US-6339613-\$ or US-6445731-\$ or<br>US-6031827-\$ or US-6134261-\$ or<br>US-5909436-\$ or US-6515960-\$ or<br>US-6628673-\$ or US-6052594-\$ or<br>US-6542485-\$ or US-6560209-\$ or<br>US-6771590-\$ or US-6657949-\$ or<br>US-6711120-\$ or US-6847635-\$ or<br>US-6473418-\$ or US-6333937-\$ or<br>US-5282222-\$ or US-6584144-\$).<br>did. | US-PGPUB;<br>USPAT           | OR               | OFF     | 2006/06/07 14:30      |
| S93      | 104  | map and ofdm and mac and<br>(silent\$1 \$3active quiet\$4) and<br>tone\$1   | US-PGPUB;<br>USPAT;<br>EPO   | OR               | OFF     | 2006/06/07 14:58      |
| S10<br>0 | 23   | docsis and ofdm and map   | US-PGPUB;<br>USPAT;<br>EPO   | OR               | OFF     | 2006/06/07 15:05      |

## EAST Search History

|          |         |   |                              |    |     |                  |
|----------|---------|---|------------------------------|----|-----|------------------|
| S92      | 188     | map and ofdm and mac and (silent\$1 \$3active quiet\$4)   | US-PGPUB;<br>USPAT;<br>EPO   | OR | OFF | 2006/06/07 15:05 |
| S10<br>2 | 856     | docsis and (silent\$1 \$3active quiet\$4)   | US-PGPUB;<br>USPAT;<br>EPO   | OR | OFF | 2006/06/07 15:06 |
| S10<br>6 | 11      | ("5282222"   "5909436"   "5963557"   "6031827"   "6052594"   "6175550"   "6192026"   "6327314"   "6333937"   "6370153"   "6515960").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/06/07 15:32 |
| S10<br>5 | 1       | ("6657949").PN.   | US-PGPUB;<br>USPAT;<br>EPO   | OR | OFF | 2006/06/07 15:32 |
| S10<br>3 | 45      | docsis and (silent\$1 \$3active quiet\$4) and ofdm  | US-PGPUB;<br>USPAT;<br>EPO   | OR | OFF | 2006/06/07 15:42 |
| S10<br>8 | 76657   | (activ\$4) same (request\$1 tone\$1 ofdm)   | US-PGPUB;<br>USPAT;<br>EPO   | OR | OFF | 2006/06/07 15:50 |
| S10<br>7 | 43043   | (silent\$1 \$3active quiet\$4) same (request\$1 tone\$1 ofdm)   | US-PGPUB;<br>USPAT;<br>EPO   | OR | OFF | 2006/06/07 15:50 |
| S11<br>1 | 8759    | S109 and S110   | US-PGPUB;<br>USPAT;<br>EPO   | OR | OFF | 2006/06/07 15:51 |
| S10<br>9 | 28333   | (activ\$4) same (transmi\$6 send\$4) same (request\$1 tone\$1 ofdm)   | US-PGPUB;<br>USPAT;<br>EPO   | OR | OFF | 2006/06/07 15:51 |
| S11<br>8 | 2591    | (receiv\$4) near10 (silent\$1 \$3active quiet\$4) near10 (request\$1 tone\$1 ofdm)  | US-PGPUB;<br>USPAT;<br>EPO   | OR | OFF | 2006/06/07 15:53 |
| S11<br>6 | 168     | S113 and S114 and ofdm  | US-PGPUB;<br>USPAT;<br>EPO   | OR | OFF | 2006/06/07 15:53 |
| S12<br>1 | 18      | S113 and S118 and ofdm  | US-PGPUB;<br>USPAT;<br>EPO   | OR | OFF | 2006/06/07 15:54 |
| S11<br>9 | 755     | S113 and S118   | US-PGPUB;<br>USPAT;<br>EPO   | OR | OFF | 2006/06/07 15:54 |
| S11<br>5 | 6078    | S113 and S114   | US-PGPUB;<br>USPAT;<br>EPO   | OR | OFF | 2006/06/07 15:54 |
| S11<br>4 | 2714984 | (receiv\$4) near10 (silent\$1 \$3active quiet\$4) near10 (request\$1 tone\$1 ofdm)  | US-PGPUB;<br>USPAT;<br>EPO   | OR | OFF | 2006/06/07 15:56 |

## EAST Search History

|          |       |  |                            |    |     |                  |
|----------|-------|--|----------------------------|----|-----|------------------|
| S12<br>3 | 755   | receiv\$4 near3 request\$1 near3<br>(silent\$1 \$3active quiet\$4)   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 15:57 |
| S11<br>3 | 6131  | (activ\$4) near10 (transmi\$6<br>send\$4) near10 (request\$1 tone\$1<br>ofdm)  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 15:57 |
| S12<br>5 | 352   | S123 and S124  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 15:58 |
| S12<br>4 | 49623 | (transmi\$6 send\$4) near3 activ\$4  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 15:58 |
| S12<br>7 | 73    | S123 and S124 and mac  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 15:59 |
| S12<br>6 | 6     | S123 and S124 and ofdm   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 15:59 |
| S13<br>0 | 3     | S129 not S96   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 16:54 |
| S12<br>9 | 30    | (US-20020101946-\$ or<br>US-20020154705-\$ or<br>US-20030193925-\$ or<br>US-20020036985-\$).did. or<br>(US-6369758-\$ or US-6192026-\$ or<br>US-6538985-\$ or US-6459703-\$ or<br>US-6473394-\$ or US-6804192-\$ or<br>US-6339613-\$ or US-6445731-\$ or<br>US-6031827-\$ or US-6134261-\$ or<br>US-5909436-\$ or US-6515960-\$ or<br>US-6628673-\$ or US-6052594-\$ or<br>US-6542485-\$ or US-6560209-\$ or<br>US-6771590-\$ or US-6657949-\$ or<br>US-6711120-\$ or US-6847635-\$ or<br>US-6473418-\$ or US-6333937-\$ or<br>US-5282222-\$ or US-6584144-\$ or<br>US-6940833-\$ or US-5963557-\$).<br>did. | US-PGPUB;<br>USPAT         | OR | OFF | 2006/06/07 16:54 |
| S13<br>1 | 1     | ("6847635").PN.  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 17:16 |
| S13<br>3 | 1     | ("6333937").PN.  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 17:17 |
| S13<br>4 | 0     | S133 and \$4content\$4   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 17:18 |

## EAST Search History

|          |         |  |                            |    |     |                  |
|----------|---------|--|----------------------------|----|-----|------------------|
| S13<br>2 | 1       | S131 and \$4content\$4   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/07 17:18 |
| S1       | 557     | ofdm same (request\$4 assign\$4)<br>and (pilot\$1 tone\$1)   | US-PGPUB;<br>USPAT;<br>EPO | OR | ON  | 2006/06/08 10:10 |
| S11<br>0 | 15343   | (receiv\$4) same (silent\$1 \$3active<br>quiet\$4) same (request\$1 tone\$1<br>ofdm)                             | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/08 10:12 |
| S14<br>0 | 676     | S135 and (S136 same S137)  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/08 10:18 |
| S13<br>9 | 182     | S135 same S136 same S137   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/08 10:18 |
| S13<br>8 | 1798    | S135 and S136 and S137   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/08 10:18 |
| S13<br>7 | 1479350 | silent\$1 \$3active quiet\$4<br>voice\$1less sound\$1less<br>action\$1less uncommunicat\$4<br>idle\$1 dormant\$4 | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/08 10:18 |
| S13<br>6 | 1089129 | carrier\$1 tone\$4 pilot\$1  | US-PGPUB;<br>USPAT;<br>EPO | OR | ON  | 2006/06/08 10:18 |
| S13<br>5 | 7817    | ofdm (orthogona\$4 near3<br>frequenc\$4 near3 divisio\$4 near3<br>multiplex\$4)                                  | US-PGPUB;<br>USPAT;<br>EPO | OR | ON  | 2006/06/08 10:18 |
| L1       | 448     | 370/203.ccls.  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/19 14:28 |
| L2       | 191     | map and ofdm and mac and<br>(silent\$1 \$3active quiet\$4)   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/19 14:29 |
| L4       | 768     | 370/208.ccls.  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/19 14:33 |
| L3       | 409     | 370/206.ccls.  | US-PGPUB;<br>USPAT;<br>EPO | OR | ON  | 2006/06/19 14:33 |
| L10      | 1482969 | silent\$1 \$3active quiet\$4<br>voice\$1less sound\$1less<br>action\$1less uncommunicat\$4<br>idle\$1 dormant\$4 | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/19 14:35 |
| L9       | 1091788 | carrier\$1 tone\$4 pilot\$1  | US-PGPUB;<br>USPAT;<br>EPO | OR | ON  | 2006/06/19 14:35 |

## EAST Search History

|     |      |   |                            |    |     |                  |
|-----|------|---|----------------------------|----|-----|------------------|
| L8  | 7898 | ofdm (orthogona\$4 near3<br>frequenc\$4 near3 divisio\$4 near3<br>multiplex\$4) | US-PGPUB;<br>USPAT;<br>EPO | OR | ON  | 2006/06/19 14:35 |
| L7  | 0    | 1 and 2 and 3   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/19 14:35 |
| L5  | 493  | 370/210.ccls.   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/19 14:35 |
| L12 | 184  | 8 same 9 same 10  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/19 14:36 |
| L11 | 1824 | 8 AND 9 AND 10  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/19 14:36 |
| L15 | 40   | 14 and 11   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/19 14:37 |
| L17 | 131  | 370/481.ccls.   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/19 14:42 |
| L14 | 611  | 370/480.ccls.   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/19 14:42 |
| L20 | 127  | 370/433.ccls.   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/19 14:43 |
| L18 | 672  | 370/432.ccls.   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/19 14:43 |
| L16 | 139  | 14 and 8  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/19 14:43 |
| L21 | 2090 | 370/468.ccls.   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/19 14:44 |
| L13 | 390  | 370/479.ccls.   | US-PGPUB;<br>USPAT;<br>EPO | OR | ON  | 2006/06/19 14:44 |
| L6  | 668  | 370/477.ccls.   | US-PGPUB;<br>USPAT;<br>EPO | OR | ON  | 2006/06/19 14:44 |
| L25 | 488  | 370/345.ccls.   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/19 14:45 |

## EAST Search History

|     |      |                 |                            |    |     |                  |
|-----|------|-----------------|----------------------------|----|-----|------------------|
| L23 | 2795 | 370/335.ccls.   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/19 14:45 |
| L22 | 45   | 21 and 8        | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/19 14:45 |
| L19 | 13   | 18 and 8        | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/19 14:45 |
| L26 | 451  | 370/447.ccls.   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/19 14:54 |
| L27 | 768  | 455/509.ccls.   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/19 14:55 |
| L24 | 141  | 23 and 8        | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/19 14:55 |
| L30 | 83   | 455/510.ccls.   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/19 15:00 |
| L33 | 382  | 31 and 9        | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/19 15:01 |
| L31 | 688  | 455/452.1.ccls. | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/19 15:01 |
| L29 | 407  | 27 and 9        | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/19 15:01 |
| L28 | 30   | 27 and 8        | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/19 15:01 |
| L34 | 185  | 455/454.ccls.   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/19 15:02 |
| L35 | 426  | 455/525.ccls.   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/19 15:13 |
| L37 | 1392 | 375/260.ccls.   | US-PGPUB;<br>USPAT;<br>EPO | OR | ON  | 2006/06/19 15:19 |
| L36 | 372  | 375/140.ccls.   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/19 15:19 |

## EAST Search History

|     |     |                 |                            |    |     |                  |
|-----|-----|-----------------|----------------------------|----|-----|------------------|
| L32 | 32  | 31 and 8        | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/19 15:19 |
| L40 | 320 | 725/111.ccls.   | US-PGPUB;<br>USPAT;<br>EPO | OR | ON  | 2006/06/19 15:20 |
| L39 | 118 | 37 and 11       | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/19 15:20 |
| L38 | 631 | 37 and 8        | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/19 15:20 |
| L41 | 388 | 725/114.ccls.   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/19 15:27 |
| L44 | 249 | 348/14.02.ccls. | US-PGPUB;<br>USPAT;<br>EPO | OR | ON  | 2006/06/19 15:29 |
| L43 | 469 | 725/139.ccls.   | US-PGPUB;<br>USPAT;<br>EPO | OR | ON  | 2006/06/19 15:29 |
| L42 | 131 | 725/138.ccls.   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2006/06/19 15:29 |